

# **SOUTH PRODUCTION NOTES**

**April 20, 2014  
Afternoon Shift**

**BASF EMPLOYEES  
38 Last Recordable  
288 Last Lost Time**

## **#1 MED / AL-3992:**

No milled recycle needed per engineer. Work notifications written for oil leak at gearbox on the extruder (4/8/14). Please note that the MOD and MI inserts listed have the correct number (JMP 3760P83F). It was discovered that JMP mistakenly wrote the wrong insert number on their packaging (JMP 3670P83F). NOTE: additional work notifications written for continued issues with extruder constantly kicking out, and for mixer outlet valve passing powder to pulva when powder is dropped from hopper.

Day shift: After making 20 batches per Kristen Kaput, on hold until dried and calcined analysis obtained. In addition, several work notifications written that will need to be addressed before restarting (see above).

Afternoon Shift:

Midnight shift:

## **#1 RC / AL 3992:**

Plan to light calciner early Sunday morning. Will feed when Selexorb is done on #4 RC.

Day shift: Claciner lit and coming up to temp. Plan on pre-start walk through beginning 2<sup>nd</sup> shift (Selexorb should be about done by then on #4 RC). If everything OK, start feed.

(NOTE: MOD calls for bagging-off fines for reclaim. Per Kristen Kaput, we will drum the fines, then repack into appropriate bag for reclaim at a later date).

Afternoon Shift: No activity.

Midnight shift: No activity.

**Currently exhausting to F1 for lighting, switch to Trimer when feeding**

## **#2 MED line/ Cu-0860:**

On hold...out of recycle. Work notification on #2 Viron East flow meter still outstanding (RAND 4/7/14) - per the engineer, we can run with low flow.

Day Shift: Batches done as Cu 3818 recycle consumed. Will wait for further instructions.

Afternoon Shift: On hold.

Midnight shift: On hold.

### **#2 RC/ Cu-0860:**

**Continue**

**Day shift:** Continue. Should be out of feed by 2<sup>nd</sup> shift Sunday.

**Afternoon shift:**

**Midnight shift:**

**Exhaust to F1**

### **#3 MED line / D-0704:**

**Breaker repaired, continue batches.**

**Day shift:** Continue

**Afternoon Shift:**

**Midnight Shift:**

### **#3 RC/ D-0704:**

**Currently feeding. We need to keep track of the weight on the fines drums as they are filled up – need to add the weight to the green sheet. Additionally, and because it is a precious metal base, we need to weigh each bag and record its weight on the log sheet by the scale at the East side of building 31 on the first floor. HEPA filter for the CTO was changed (4/17/14 M.V.). Keep an eye on the DP for this.**

**Day shift:** Continue feeding. CTO operating normally. Move any calcined bags to 3<sup>rd</sup> floor as space permits.

**Afternoon Shift:**

**Midnight shift:**

**Exhaust to CTO**

### **#4 RC / Selexorb:**

**Finishing last of the feed Sunday morning. When calciner empties, reverse and bring down.**

**Day shift:** Finishing last of the feed. Should be empty by end of day shift. Reverse and bring down so #1 calciner can be switched to Trimer.

**Afternoon Shift:**

**Midnight Shift:**

**Exhaust to Trimer**

### **PK Blender / 1506:**

Confirm with John Bodmann with how to use the partial bag of 1505 to dry back the 1 wet batch that is still in building 9. Hold the 1 batch that was wet. It will need to be dried back with help from the engineer.

Day shift: Hold for now. Will impreg more 1506 when we get 1505 calcined bags from #5 RC.

Afternoon Shift:

Midnight Shift:

### **#5 RC / 1506:**

Need to remember that we do not need 5A dust collector running with this product. **We need to check the suction twice every shift.**

Day shift: Continue 1506, then switch to the 1505. Only short break in between 1506 feed and 1505 feed to quickly purge the calciner.

Afternoon shift: Continue

Midnight shift: Continue.

**Exhaust to Trimer**

### **#6 RC / D-0754:**

Will need to get cleaned for Friday inspection (MV.4/15/14). Clean calciner, syntron and calciner discharge. Could not get calciner to rotate.

Day Shift: Trying to light calciner with assistance from electrician. Items still needed before using this week: quick vacuum of dryer belt at discharge end; button-up syntron; re-attach calciner discharge tube; re-assemble screener after installing 12 M and 3 M screens; vacuum trays underneath dryer belt and a final quick sweeping/vacuuming all around area from dryer to bag-off scale. Try to work on these tonight...anything remaining will be finished Monday.

Afternoon shift:

Midnight shift:

**Exhaust to**

### **Abbe Blender – D-5206:**

We are ahead on this job and can run as manpower permits. We can run on the weekend and off shifts. Make sure to read Grodecki's instructions at the end of the shift notes



regarding how to match up the lots of 5202. We will need to start staging these upstairs as there is going to be work done on the elevator this upcoming week.

Day shift: Continue batches off shifts and during weekend as manpower permits.

Afternoon shift:

Midnight shift:

### **National Dryer / D-5206:**

Make sure that we are taking the bags coming off the National dryer to the far railshed for the moment. We will not feed D-5206 to the calciner just yet.

Day shift: Continue feeding as material available.

Afternoon Shift:

Midnight Shift:

### **Tower 3 / DPT-101:**

Loaded the DPT 101

Day shift: Tower loaded and on hold for maintenance on Monday (chiller tie-in).

Afternoon shift:

Midnight Shift:

### **Tower 6 / Cu-1155 T 3/16 x 3/16:**

Running the Cu-1155 T 3/16 x 3/16

Day shift: Tower will be on hold and under nitrogen until Monday, then will be unloaded and reloaded (DPT 101) as part of SMED exercise.

Afternoon shift:

Midnight Shift:

### **North Screener / Cu-1155 3/16 x 1/8**

Switched screener to Cu 1155 3/16 x 1/8. All Cu-1155 3/16" x 3/16" has been isolated and cordoned off with red tape – DO NOT USE THIS MATERIAL.

Day shift: Continue (using 130 lbs alcohol per drum)

Afternoon Shift:

Midnight shift:

### **South Screener / Cu-1986:**

Switch screener to Cu 1155 3/16 x 1/8 when Cu-1986 is completed (after determining how to deal with left-over material in screener-bad motor)

Day shift: No activity and on hold due to screener motor issues. Will re-assess on Monday.

Afternoon Shift:

Midnight shift:

### **Tunnel Kiln #3 / Cu Carb testing:**

We have lit up zone #2 per the engineer and have added material to the kiln for the continuing testing.

**Day shift:** Latest test saggars sampled and at lab. Next test saggars loaded into car #4 again. Monitor overnight...will unload and sample Monday morning. NOTE: Jack Pettry advised to bump up temps to 475 degrees.

**Afternoon Shift:**

**Midnight shift:**

### **Tunnel Kiln #4 / Cu-0540:**

We will need to light this kiln in preparation for the Cu-0540. The MOD should be in the TK area already. The conveyor has been replaced in TK4.

**Day shift:** Continue loading and unloading. Report to GL if kiln stops and needs maintenance to look at it.

**Afternoon Shift:** Continue

**Midnight shift:** Continue

### **Old Pfaudler – D-0795 blends completed:**

Blends completed...cleaning sheets on GLs desk

**Day Shift:** No activity (short on personnel), Still need to get cleaned for QAQ trial next week. Solution lines from 6 tank is blanked, but 7 tank is open to pfaudler solution tank. No solution currently in either 6 or 7 tank at this time.

**Afternoon Shift:**

**Midnight Shift:**

### **#2662 (east) Pill Machine / Zr-0403 1/8: Hold**

Started to clean up and take apart machines in preparation for Zr material. We will use only one dust collector.

**Day Shift:** No change.

**Afternoon shift:** No change.

**Midnight shift:** No change.

### **#2664 (west) Pill Machine / Zr-0403 1/8: Hold**

Started to clean up and take apart machines in preparation for Zr material. We will use only one dust collector.

**Day Shift:** No change.

**Afternoon shift:** No change.

**Midnight shift:** HOLD

### **Harrop Kiln - Al-3921 T 3/16”:**

Down... saggars have been removed, screener parts at TK#2

**Day shift:** HOLD

**Afternoon shift:** HOLD

**Midnight shift:** HOLD

### **New Pfaudler / Celenese Trial**

**The Pfaudler has been rinsed but not acid washed. Tentative start update the week of 4-21.**

**Day shift: HOLD...Will confirm Celenese Trial start-up date during production meeting on Monday.**

**Afternoon Shift:**

**Midnight shift:**

### **HC-11 Tanks :**

**Acid washed Tanks 4 & 107; all tanks empty with the exception of Tank 2. (RAND - 3/24/14)**

**Day shift: No activity**

**Afternoon Shift: No activity**

**Midnight shift: No activity**

Priorities for the next week from Leon Z:

- I. Safety and Environmental
- II. Towers - follow schedule by Kristen for work next week make sure to keep Cu-1155 T 3/16 by 1/8 separate from 3/16 by 3/16. If we make a mistake both orders will be short
- III. Finish 1506 and switch back to 1505
- IV. 3 line - D-0704 keep the rate up
- V. 4 RC - Selectsorb make sure color and SA look ok run out what we have and hold
- VI. 1 line Al- 3992 finish extrusion and start calciner after Selectsorb is completed. This is due to ship next week, check the quality
- VII. Blends then clean pfaudler for QAQ trial ( is the solution line from tanks blanked to the pfaudler so we do not have the possibility of any cross contamination at the weigh tank?)
- VIII. 6 RC and drier - need to have this clean and put back together for QAQ trial. Rahul will be here Tuesday so let's get it together this weekend and get it lit up. No contamination. John will check on Monday
- IX. Tunnel Kilns Cu-0540 and Cu-3818 P trials
- X. Abbe and National
- XI. Cu-0860 finish
- XII. Cu-5020 P ( actually 6081) will start next Wednesday. A number of visitors will be here so let's make we are ready and show well.

XIII.

Sheila will also be here next Wednesday and Thursday so let's make sure we are neat and clean. We should be addressing any powder leaks /spills from mix lines, etc

If I missed something obvious let me know. Items 1-9 require a CALLOUTS for maintenance.